

Glove Data Overview (how Viewer States Relate to the Data)

10

40

Viewer State	Entity states	Data states	Presentation states
Default	(es1, es2, es3, es4, es5, es6)	(ds1)	(ps1)
Food Prep	(es2)	(ds2, ds1)	(ps2, ps1)
Food Prep German	(es2)	(ds7, ds6, ds2, ds1)	(ps7, ps6, ps2, ps1)
Industrial	(es4, es5)	(ds4, ds1)	(ps4, ps1)
Etc.			

Multiple ranked entity states

Cascading data states

Cascading presentation states

Entity States

es1 Default
es2 FoodPrep
es3 HealthCare
es4 Industrial
es5 Work
es6 Office
Etc.

Data States

ds1 Default
ds2 FoodPrep
ds3 HealthCare
ds4 Industrial
ds5 Wholesale
ds6 DefaultGerman
ds7 FoodPrepGerman
ds8 HealthCareGerman
ds9 IndustrialGerman
ds10 WholesaleGerman
Etc.

Presentation States

ps1 Default
ps2 FoodPrep
ps3 HealthCare
ps4 Industrial
ps5 Wholesale
ps6 DefaultGerman
ps7 FoodPrepGerman
ps8 HealthCareGerman
ps9 IndustrialGerman
ps10 WholesaleGerman
Etc.

Many entity states per entity

One data state per element of data

One presentation state per template

Entities

e1 Vinyl glove (es1-es5) (ec1)
e2 Latex glove (es1-es5) (ec1)
e3 Work glove (es1-es5) (ec1)
e4 Kevlar glove (es1-es5) (ec1)
e5 Nitrile glove (es1,es4) (ec1)
e6 Nitrile boot (es1,es4) (ec2)
e7 Kevlar chap (es4,es5) (ec3)
Etc.

Entity Data

	entity	data type	data state
Vinyl glove name	(e1)	(dt1)	(ds1)
Vinyl glove name	(e1)	(dt1)	(ds2)
Vinyl glove name	(e1)	(dt1)	(ds3)
Vinyl glove name	(e1)	(dt1)	(ds4)
Vinyl glove name	(e1)	(dt1)	(ds6)
Vinyl glove description	(e1)	(dt2)	(ds1)
Vinyl glove description	(e1)	(dt2)	(ds2)
Vinyl glove description	(e1)	(dt2)	(ds3)
Vinyl glove description	(e1)	(dt2)	(ds6)
Vinyl glove price	(e1)	(dt3)	(ds1)
Vinyl glove wholesale	(e1)	(dt4)	(ds5)
Latex glove name	(e2)	(dt1)	(ds1)
Etc.			

Presentation Templates

	entity class	pres. state
Glove default	(ec1)	(ps1)
Glove foodPrep	(ec1)	(ps2)
Glove healthCare	(ec1)	(ps3)
Glove industrial	(ec1)	(ps4)
Glove wholesale	(ec1)	(ps5)
Glove default Gmn	(ec1)	(ps6)
Glove food Gmn	(ec1)	(ps7)
Glove health Gmn	(ec1)	(ps8)
Glove ind Gmn	(ec1)	(ps9)
Boot default	(ec2)	(ps2)
Etc.		

One entity class per entity

One data type per element of data

One entity class per template

Entity Classes

ec1 Glove
ec2 Boot
ec3 Chap
Etc.

Data Types

dt1 name
dt2 description
dt3 price
dt4 wholesale price
Etc.

Figure 1

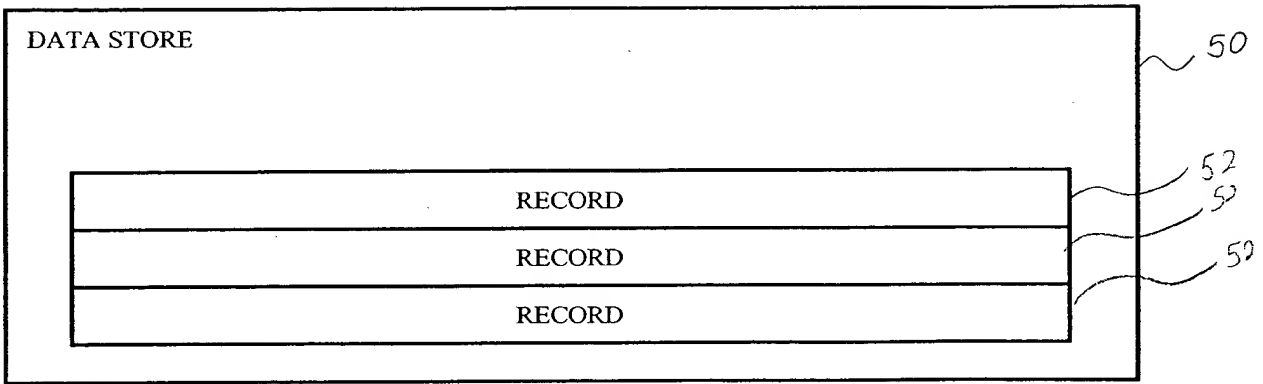


Figure 2

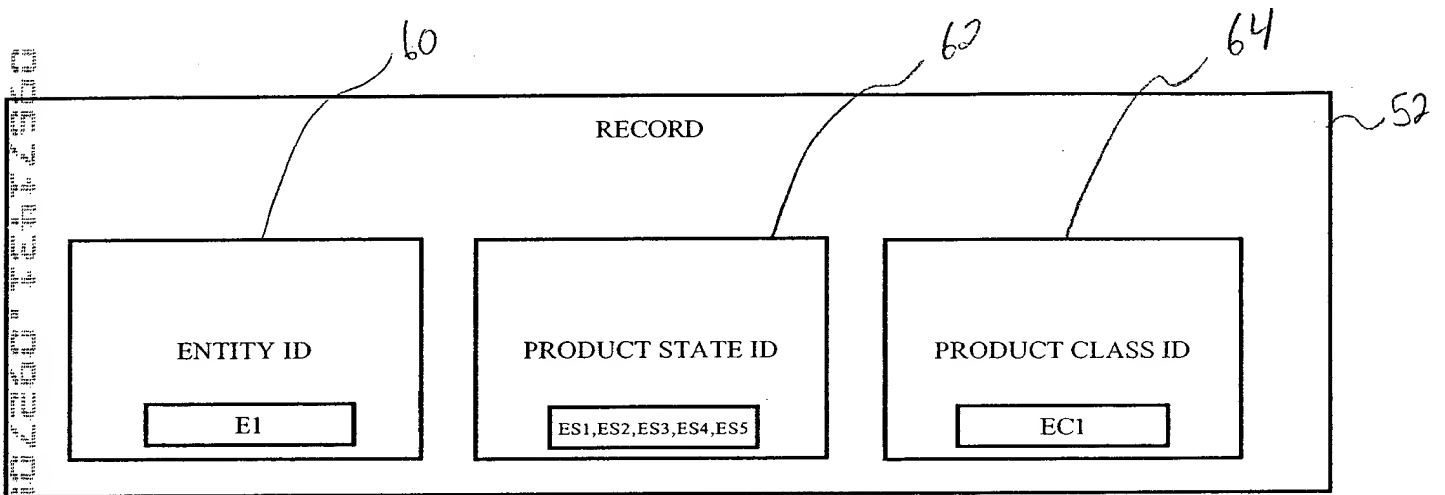


Figure 3

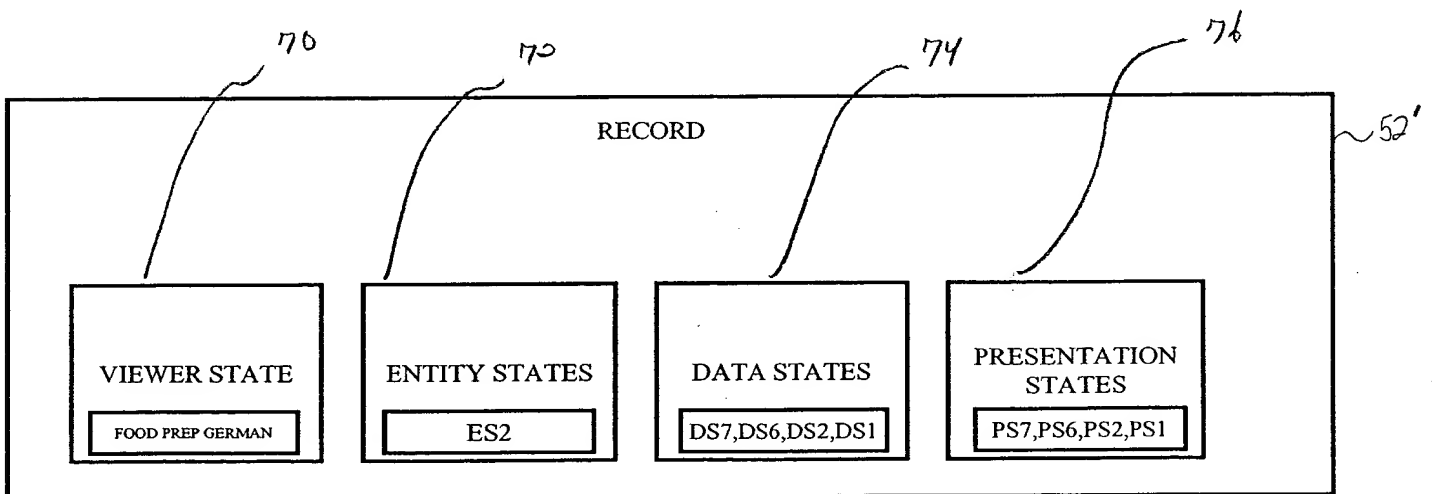


Figure 4

Glove Data Example (how information is created for the FoodPrepGerman viewer state)

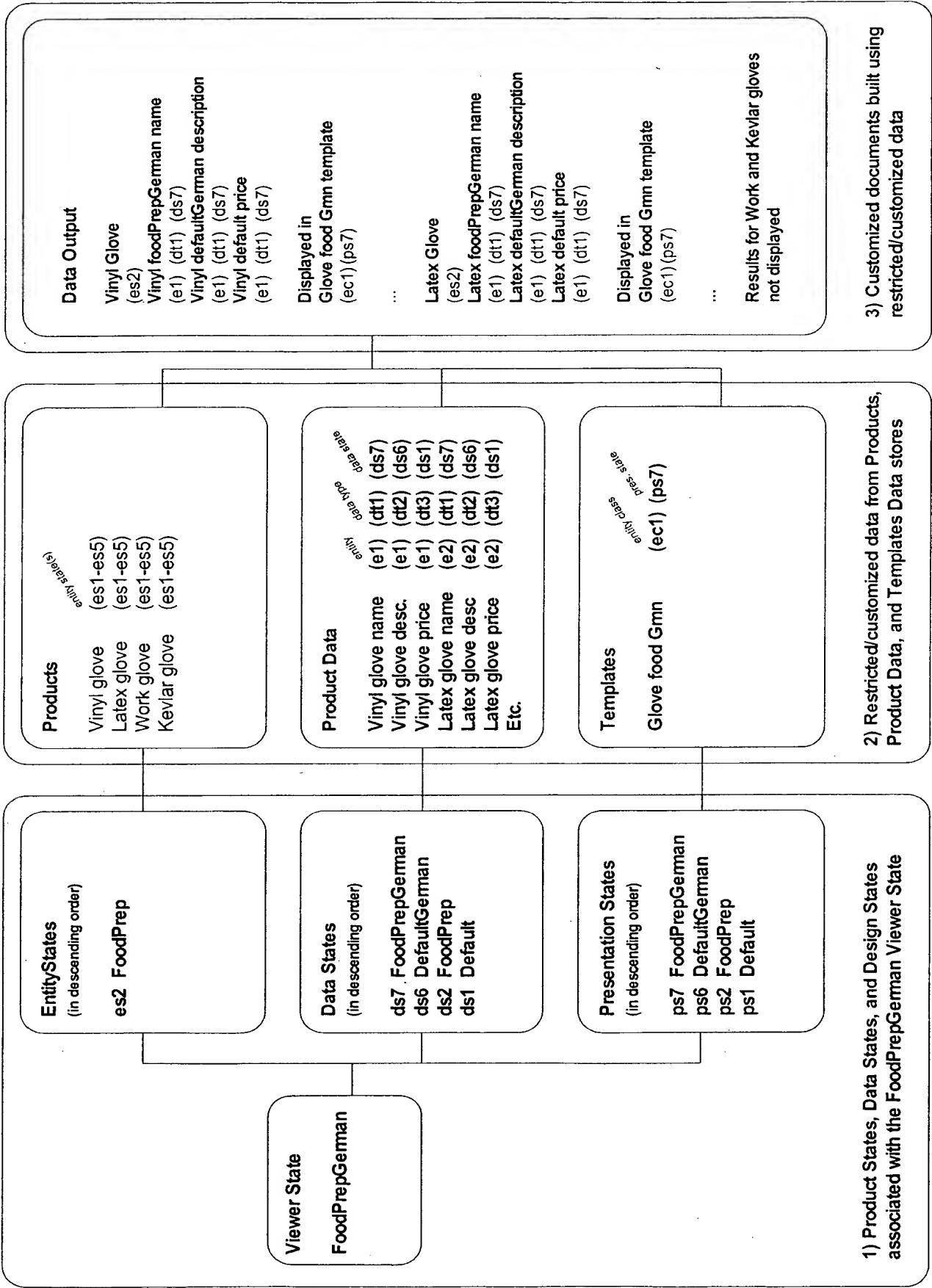


Figure 5



[/name][/end]

[/description][/end]

[/caption]
[/end]

Prod.#

[/productNumber]
[/end]

Color

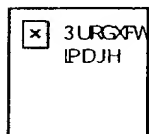
[/color][/end]

Price

[/price][/end]

Size: [/size][/end]

[/note][/end] ([/productNumber]{/end})



audio



video

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Figure 6

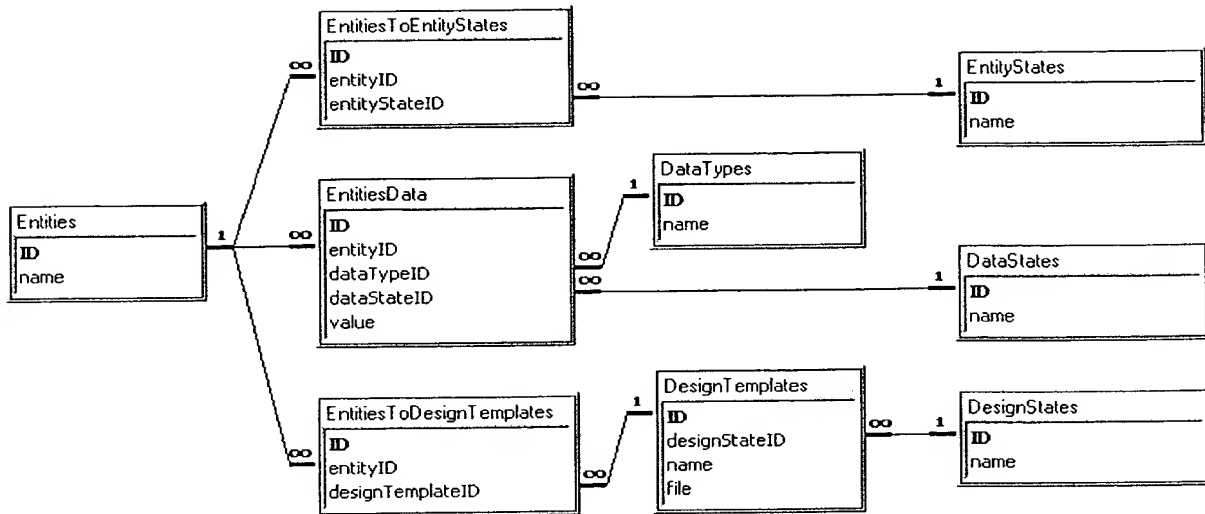


Figure 7
Relationships between System data stores when implemented using an SQL database

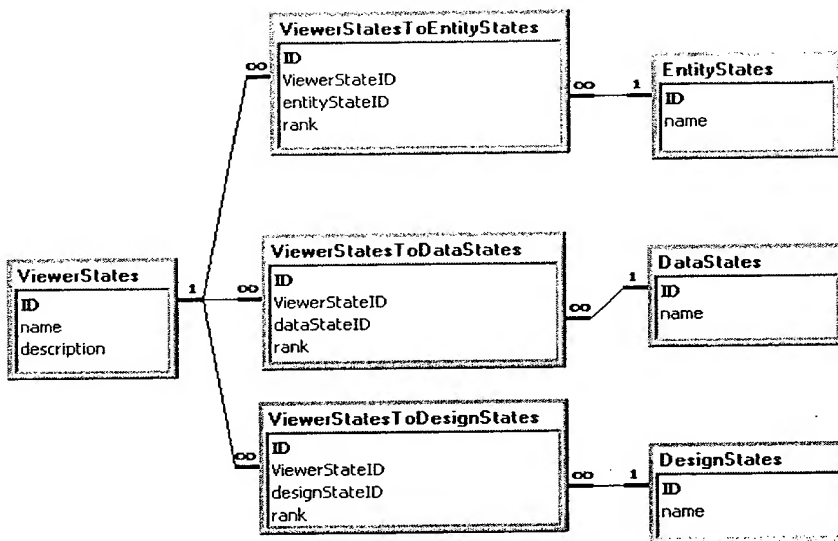


Figure 8
Relationships between User data stores when implemented using an SQL database

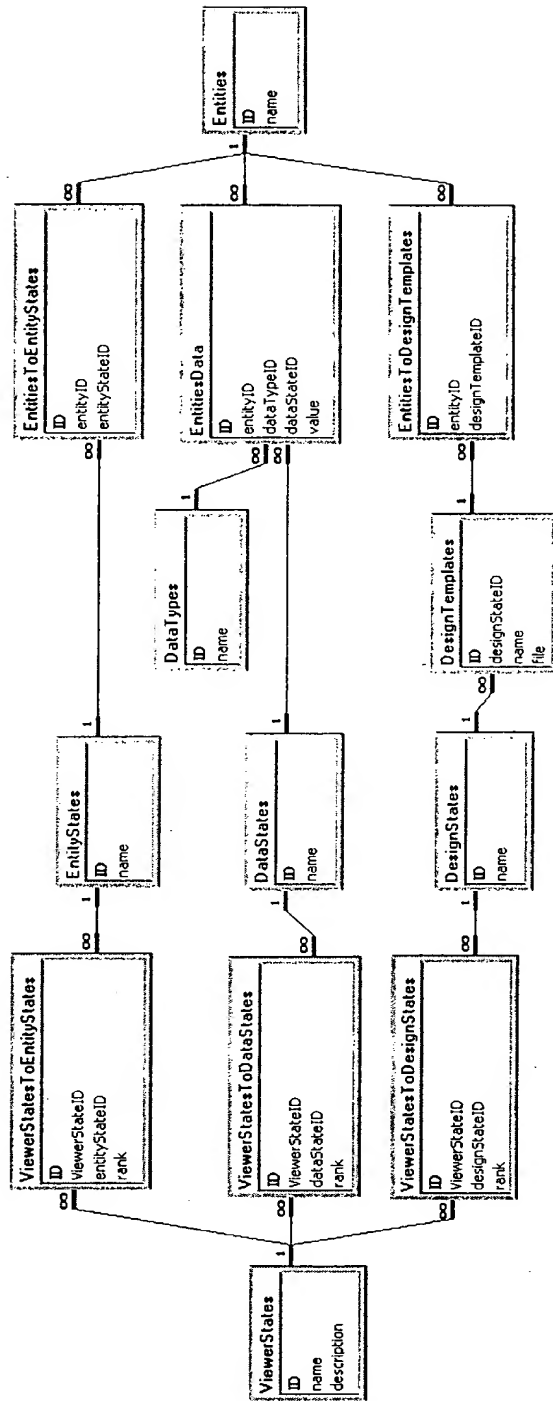


Figure 9
Relationships between all primary data stores when implemented using an SQL database

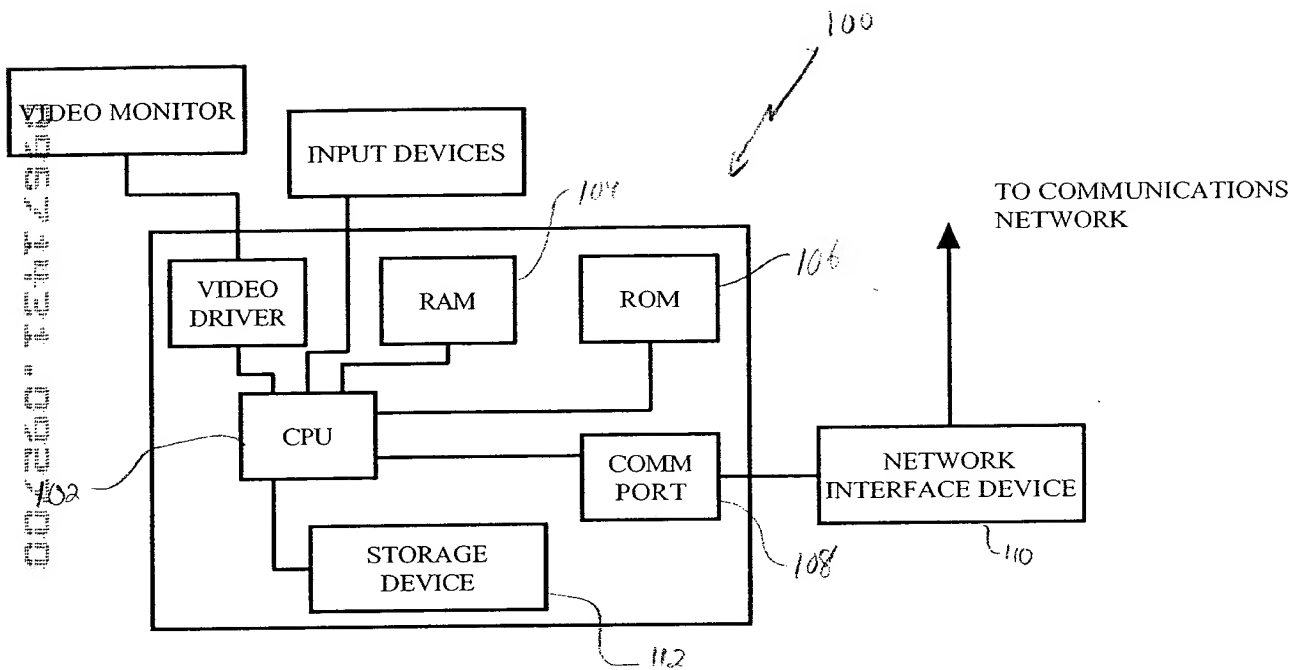


FIGURE 10

Data Display Steps (how the system creates a document describing a specific entity)

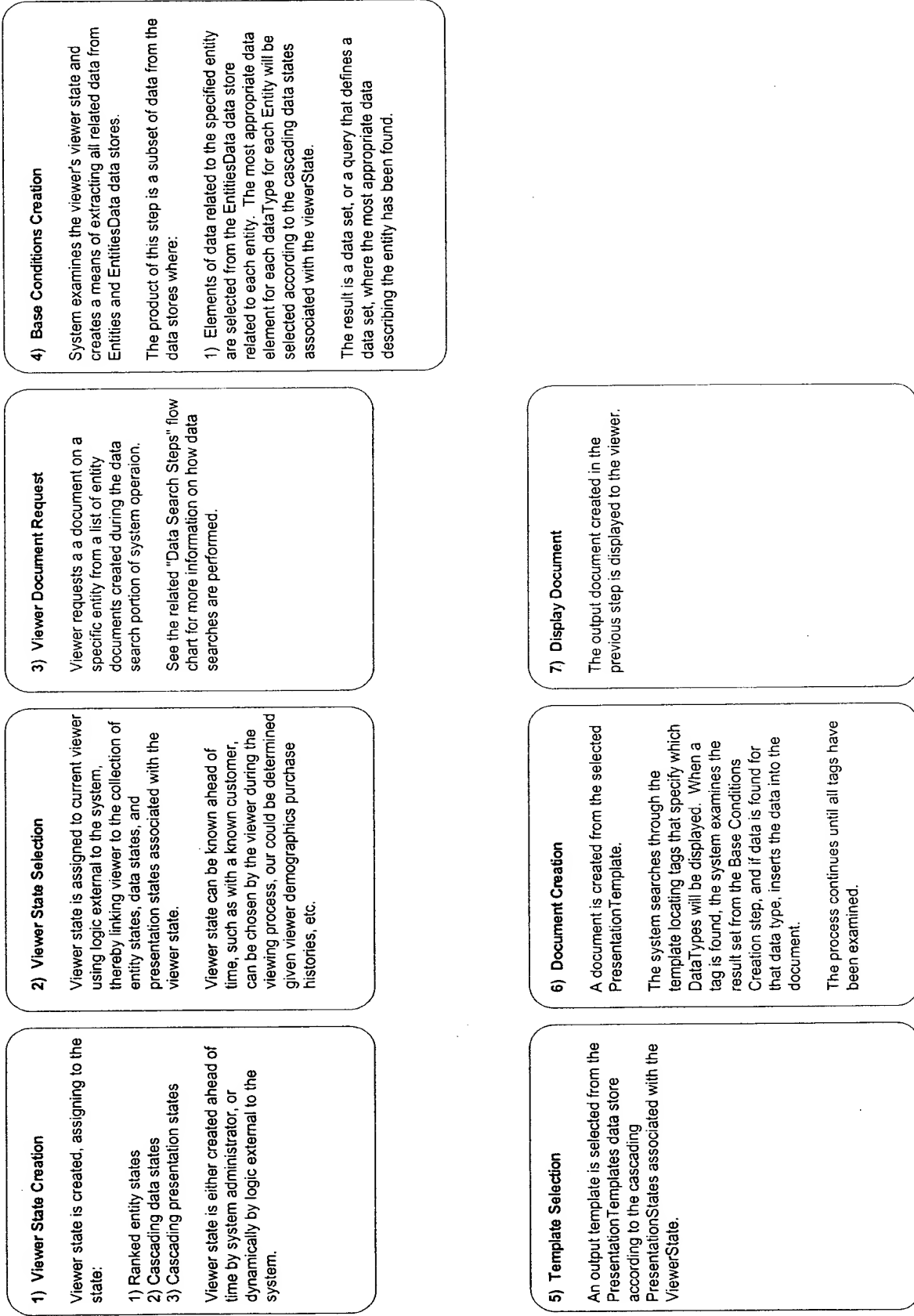


Figure 11

Data Search Steps (how the system returns a list of entities in response to a viewer query)

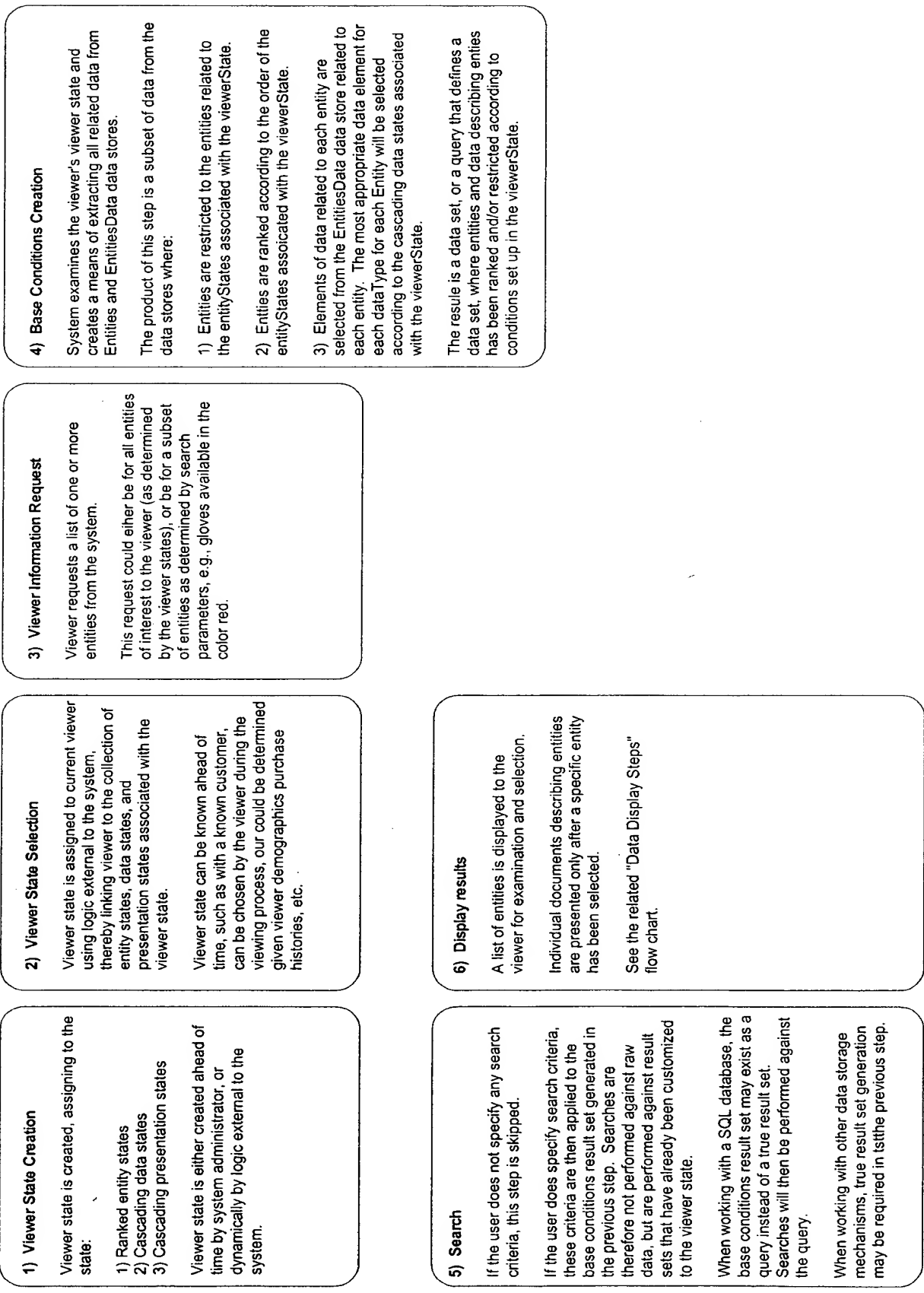


Figure 12



General vinyl food gloves

*Great all-
purpose
disposable
glove*

Great for most general purpose sanitary food handling work, these gloves are constructed from a sturdy 4 mil vinyl. Ideal for any situation that demands a fast-on fast-off disposable glove.

<i>Prod.#</i>	<i>Color</i>	<i>Price</i>
112003	natural	\$7.60
Size: Large		

Reversible ambidextrous gloves fit either right or left hands
(112003)



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video

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Figure 13



Sehr guter
universeller
Einweghandschuh



Universell eincusetzender Vinyl Handschuh

Dieser zweiteilige, beidseitig zu tragender, gemusterte füsselfreie Handschuh ist 9" lang. Strapazierfahiger als Baumwolle, laeuft beim Waschen nicht ein. Mehrfacher Gebrauch. Handschuh wird meist in der Pharma- und Electro lindustrie eingesetzt.

Art.-Nr.
112003

Farbe
natur

Preis
€7.79
Groesse: Large

Strapazierfahiger als Baumwolle, laeuft beim Waschen nicht ein. Mehrfacher Gebrauch (112003)



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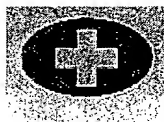


video

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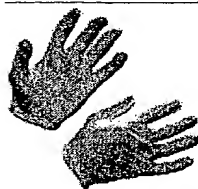
Figure 14



Vinyl barrier gloves

Great all-purpose disposable glove

Useful for biohazard protection where tactile response is not essential, these gloves are constructed from a sturdy 4 mil vinyl. Ideal for any situation that demands a fast-on fast-off disposable glove.



<i>Prod.#</i>	<i>Color</i>	<i>Price</i>
112003	natural	\$8.40
Size: Large		

Reversible ambidextrous gloves fit either right or left hands (112003)



audio



video

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Figure 15